

1 39852/PBH/B600-BP1485 ORP

SINGLE ENDED ANALOG FRONT END

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ABSTRACT

An analog front end. The analog front end comprises a converter configured to convert a differential input signal to a single-ended input signal, and convert a single-ended output signal to a differential output signal. And a transformer configured to couple the differential input signal from a twisted pair telephone line to the converter, and couple the differential output signal from the converter to the twisted pair telephone line.

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